

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claims 1-3 (canceled).

4 (currently amended). A chain wheel with a wheel body consisting of a wheel rim and a wheel hub, which wheel body carries a separate transmitter ring with radially inwardly projecting shoulders for detecting various angles of rotation or ranges of angles of rotation, ~~characterized in that the transmitter ring provided with inwardly projecting shoulders~~ can be being inserted into the wheel rim and ~~can be~~ attached to supports ~~which are~~ distributed over the inner circumference of the wheel rim and to form an axial support for the transmitter ring.

5 (previously presented). A chain wheel as claimed in claim 4, characterized in that the supports are provided in the neck-zone of spokes on the wheel rim.

6 (previously presented). A chain wheel as claimed in claim 1, characterized in that the transmitter ring is attached to the supports by spot welding.